



Fault signal contact 1 NO+1 NC, for miniature circuit breaker 5SL, 5SY, 5SP RCBO 5SU1, FI 5SV (for 5SU1 handle coupler 5ST3805-1 is required)

| Model                                                   |                      |
|---------------------------------------------------------|----------------------|
| product brand name                                      | SENTRON              |
| product designation                                     | Fault signal contact |
| design of the product                                   | Mountable            |
| design of the product factory mounted                   | No                   |
| electrical endurance (operating cycles) typical         | 10 000               |
| Voltage                                                 |                      |
| insulation voltage rated value                          | 440 V                |
| surge voltage resistance rated value                    | 4 kV                 |
| Current                                                 |                      |
| operational current at DC rated value                   | 0.01 A               |
| Supply voltage                                          |                      |
| supply voltage at DC rated value                        |                      |
| • minimum                                               | 12 V                 |
| operating voltage                                       |                      |
| • rated value                                           | 400 V                |
| • at AC rated value minimum                             | 12 V                 |
| • at DC rated value minimum                             | 12 V                 |
| protection class IP                                     | IP20                 |
| Control current                                         |                      |
| type of voltage of control voltage                      | AC/DC                |
| Product details                                         |                      |
| product component                                       |                      |
| • fault signal contact                                  | Yes                  |
| number of fault signal contacts                         | 1                    |
| number of NC contacts                                   | 1                    |
| number of NO contacts                                   | 1                    |
| number of CO contacts                                   | 0                    |
| product extension can be mounted                        | Universal            |
| product extension                                       | Fault signal contact |
| Connections                                             |                      |
| connectable conductor cross-section                     |                      |
| • minimum                                               | 0.5 mm <sup>2</sup>  |
| • maximum                                               | 2.5 mm <sup>2</sup>  |
| AWG number as coded connectable conductor cross section |                      |
| • minimum                                               | 24                   |
| • maximum                                               | 12                   |
| tightening torque with screw-type terminals             |                      |

- maximum

0.5 N·m

#### Mechanical Design

|                               |       |
|-------------------------------|-------|
| height                        | 90 mm |
| width                         | 9 mm  |
| depth                         | 70 mm |
| number of modular width units | 1     |
| Net Weight                    | 58 g  |

#### Environmental conditions

|                                            |                              |
|--------------------------------------------|------------------------------|
| standard                                   | IEC/EN60947-5-1; IEC/EN62019 |
| ambient temperature during operation       |                              |
| • minimum                                  | -25 °C                       |
| • maximum                                  | 55 °C                        |
| ambient temperature during storage minimum | -40 °C                       |

#### Approvals Certificates

|             |                          |
|-------------|--------------------------|
| Environment | General Product Approval |
|-------------|--------------------------|

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)



#### General Product Approval



[Miscellaneous](#)



[Confirmation](#)



|                               |                      |       |
|-------------------------------|----------------------|-------|
| General Product Ap-<br>proval | Maritime application | other |
|-------------------------------|----------------------|-------|



[Confirmation](#)



[Miscellaneous](#)

#### Railway

[Special Test Certific-  
ate](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3020>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3020>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5ST3020](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3020)

CAX-Online-Generator

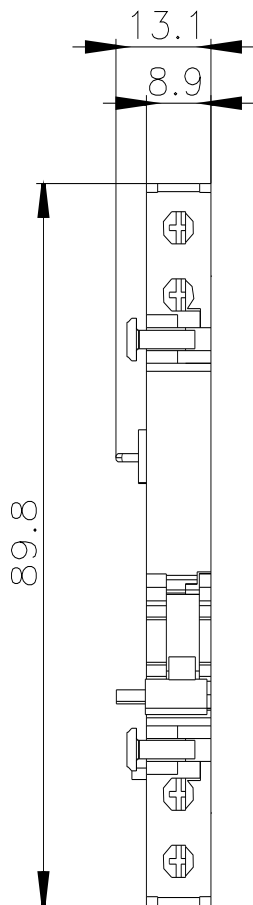
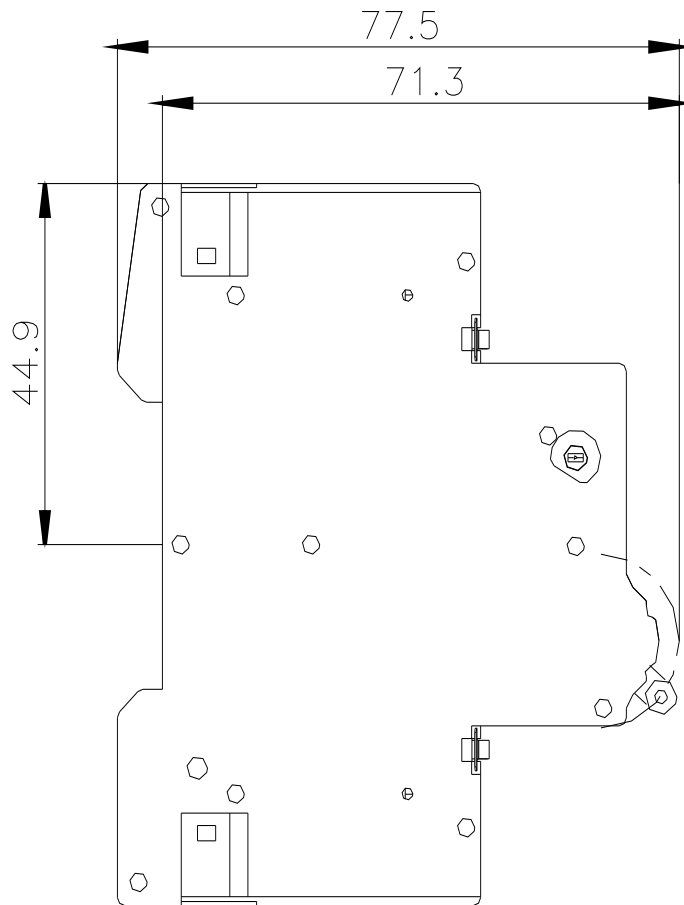
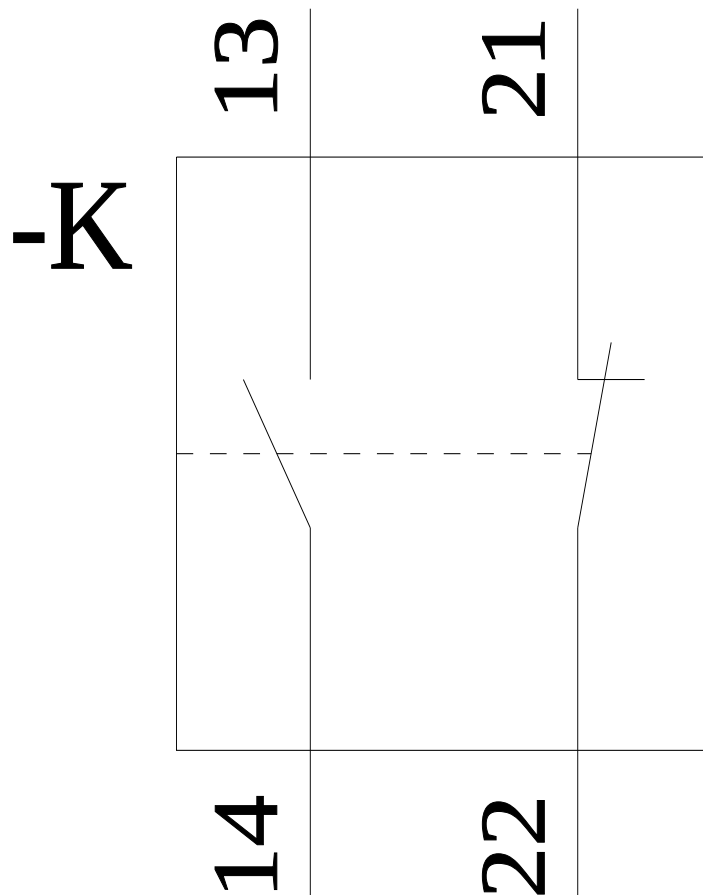
<https://www.siemens.com/cax>

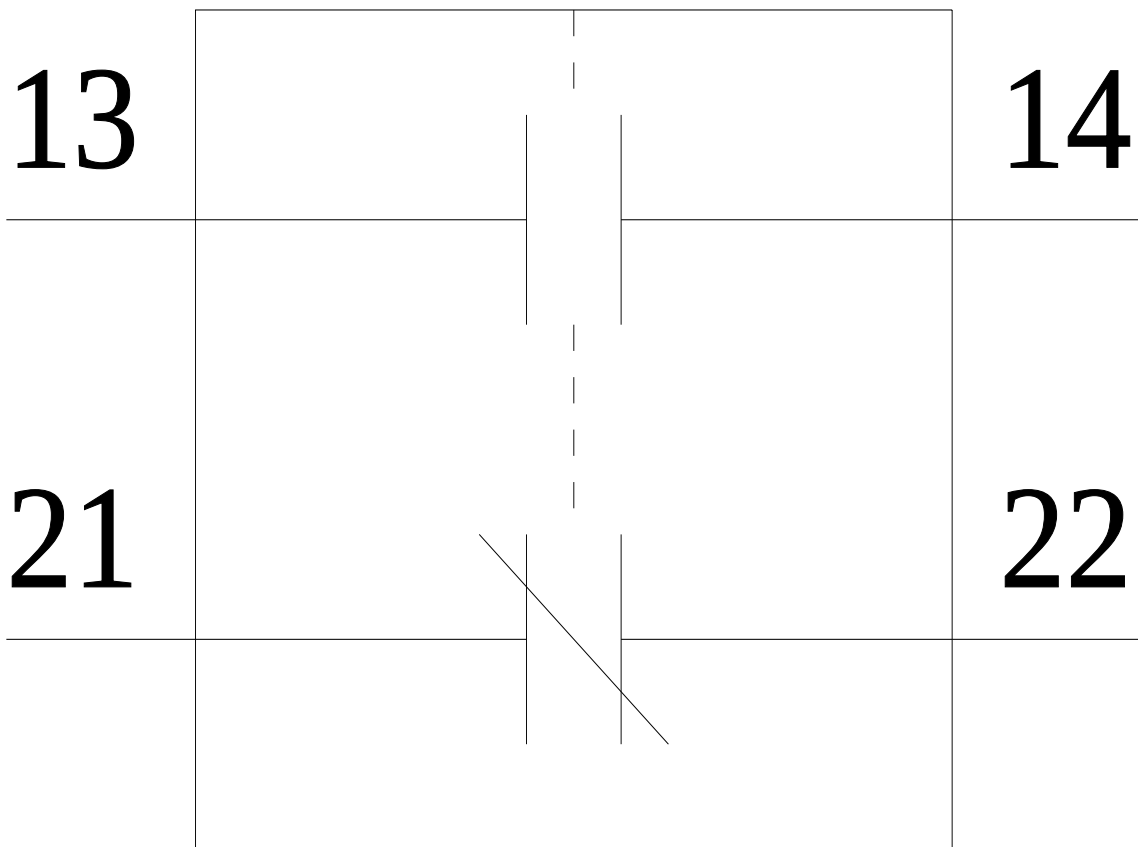
Tender specifications

<https://www.siemens.com/specifications>

Kennlinien

<https://curves.simarisiemens.com/curves/5ST3020>





last modified:

5/5/2026 

